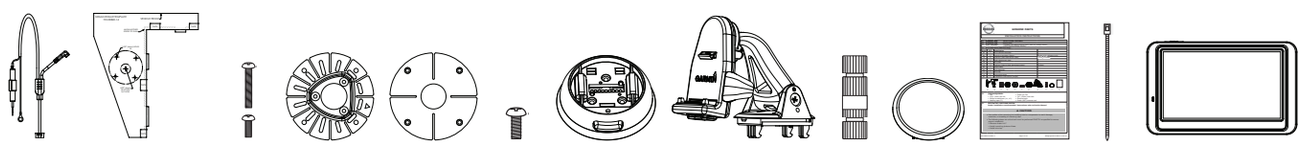
# GENUINE PARTS

## INSTALLATION INSTRUCTIONS

| | | |
|---|---|---|
| **1.** | **DESCRIPTION:** | Nissan Portable Navigation |
| **2.** | **APPLICATION:** | Rogue 2008 |
| **3.** | **PART NUMBER:** | Common Mount NAVI kit (999Q5 GU012) |
| **4.** | **KIT CONTENTS (999Q5 GU01X):** | |

| Item | QTY | Description | Service Parts |
|---|---|---|---|
| **A** | 1 | Wire harness assembly | Order 999Q5 GU002 (incl. items A-L) |
| **B** | 1 | Mounting template (Rogue) | |
| **C** | 8 | Fasteners (dash attachment plate) 3×25mm, 3×10mm | |
| **D** | 1 | Dash attachment plate | |
| **E** | 1 | Nut plate | |
| **F** | 3 | Fasteners (base to dash attachment plate) 3×9mm | |
| **G** | 1 | Mount base | |
| **H** | 1 | Arm assembly | |
| **I** | 1 | Wire tap | |
| **J** | 1 | Decorative cover | |
| **K** | 1 | Installation Instructions (Rogue) | |
| **L** | 4 | Cable ties 200mm (7.9”) | |
| **M** | 1 | NAVI, USB cable, charger, carry case, and instructions | 999Q5 KU000 for repl nuvi 750 |



A B C D E F G H I J K L M

**5. TOOLS REQUIRED**

- Right angle drill with positive drill stop
- 5/32” (4mm) drill bit
- Magnetic screwdriver (#1, #2 phillips)
- Masking tape (3“ in width)
- Plastic PGF remover tool
- 3/4” (19mm) hole saw
- Electrical tape
- Multimeter

**6. PRE-INSTALL CAUTIONS/NOTES:**
**Dealer installation recommended. Instructions refer to Service Manual**

### ⚠ CAUTION

- The following steps are critical and must be performed EXACTLY as specified:
  - Remove cluster lid C
  - Install dash attachment plate (D) and mount base (G)
  - Template application and drilling operation
  - Install wire tap

### NOTE

- This is a universal installation kit so all parts may not be used.



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**7. INSTALLATION PROCEDURE:**

1) Apply the parking brake.
2) Record the customer radio presets.

| Preset | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| A | | | | | | | |
| B | | | | | | | |
| C | | | | | | | |
| D | | | | | | | |

3) Make sure the shift lever is engaged in the "P" position and the parking brake is ON.
4) Turn the ignition switch OFF.
5) Open the engine hood.
6) Disconnect the battery negative terminal.

## ⚠ CAUTION

- Use caution when removing/re-installing interior components to avoid damage, scratches, or breaking of mounting clips.

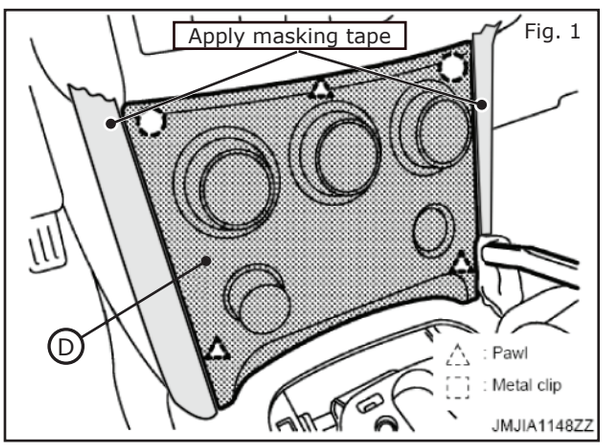

Fig. 1

7) Remove cluster lid D. Fig. 1
   a) Apply masking tape to sides of cluster lid D.
   b) Ensure parking brake is set.
   c) Push shift lock and move shift lever to N or D.
   d) Use PGF stick and pry cluster lid D at pawl (triangle) locations. Fig. 1
   e) Remove cluster lid D.
   f) Move shift lever back to P.
   g) Refer to service manual for more details.

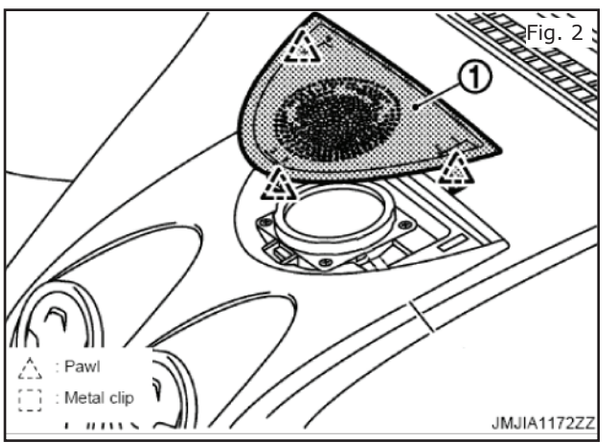

Fig. 2

8) Remove center speaker grill (with BOSE audio). Fig. 2
   a) Use PGF stick and remove center speaker grille (1) at forward pawl (triangle) locations. Fig. 2
   b) Remove 4 screws from center speaker.
   c) Pull speaker up and disconnect connector.



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## 7. INSTALLATION PROCEDURE:

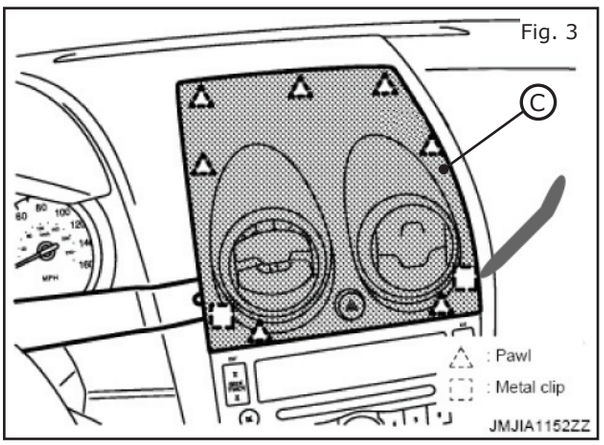

Fig. 3

9) Remove cluster lid C. Fig. 3
   a) Insert PGF stick at metal clip point and begin removal at these 2 points.
   b) Remove cluster lid.

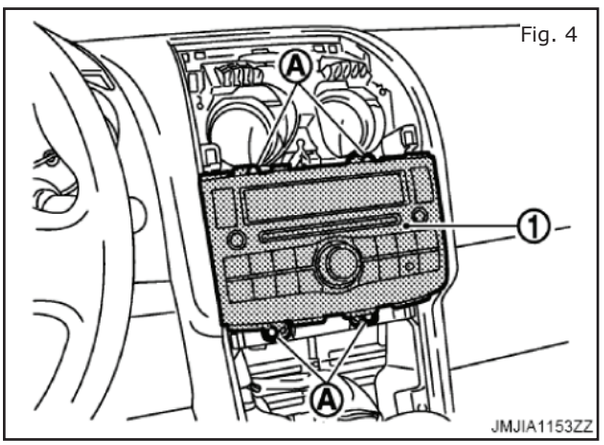

Fig. 4

10) Remove audio unit (1). Fig. 4
   a) Remove 4 fasteners (A).
   b) Disconnect connectors.
   c) For more details refer to service manual.

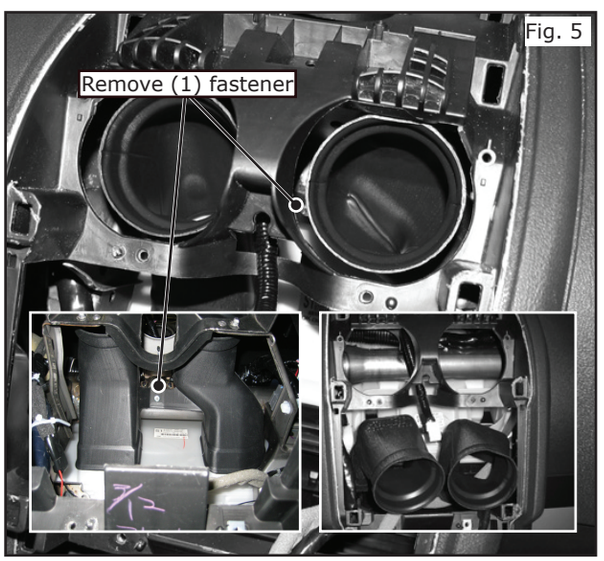

Fig. 5

11) Remove HVAC duct assembly. Fig. 5
   a) Remove (1) fastener (two views).
   b) Remove duct. Pull toward the rear of the vehicle to disengage duct from HVAC ports. Maneuver HVAC duct through the audio opening.



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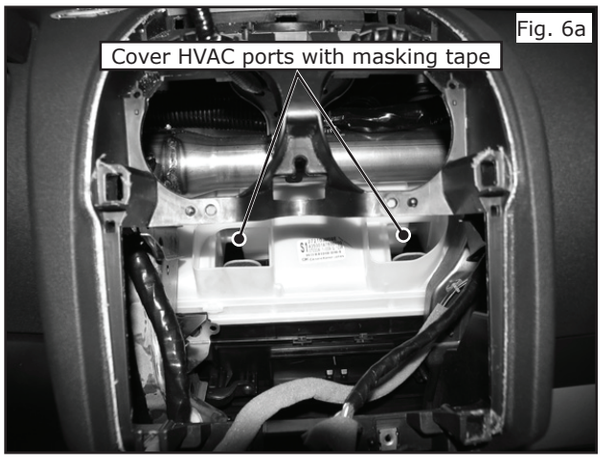
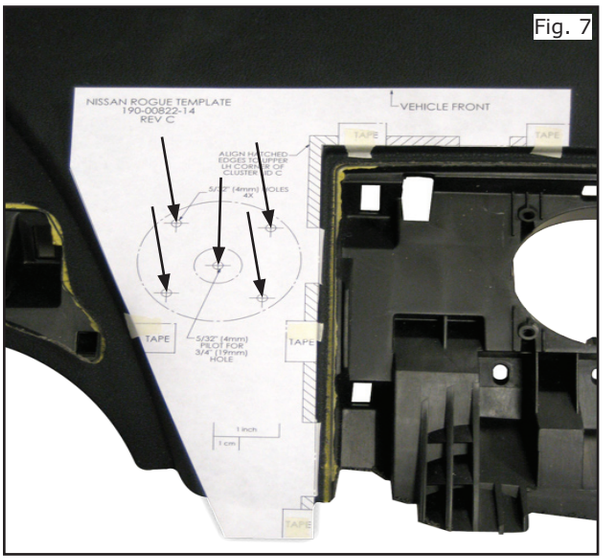
## 7. INSTALLATION PROCEDURE:




12) Prepare vehicle for drilling into the dash.
   a) HVAC ports: protect from debris by covering the openings with masking tape. Fig. 6a
   b) Instrument cluster: cover dash and gauges to protect from debris. Fig. 6b




13) Drill mounting holes. Fig. 7
   a) Install Rogue mounting template (B) to dash using masking tape.
   b) Drill five-5/32” (4mm) holes (4 + 1 pilot hole in the center).
   c) Drill one-3/4” (19mm) hole (in the center location).
   d) Remove mounting template from dash.



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## 7. INSTALLATION PROCEDURE:

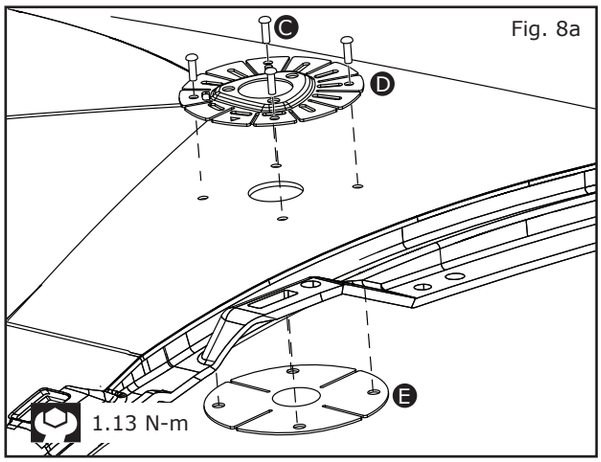

Fig. 8a

14) Secure dash attachment plate to dash (graphics are for reference only).
   a) Align dash attachment plate (D) with round nutplate (E) under the dash. Fig. 8a

      Note: Ensure nuts on nutplate (E) are facing down and the triangle on the dash plate (D) is facing towards the rear of the vehicle. Fig. 8b
   b) Secure using four-3×25mm fasteners (C). Torque fasteners to 10 in-lb (1.13 N-m). Fig. 8c

      Ensure that the bottom plate sits flush with the ribs, and that all four screws are securely tightened. Fig. 8d

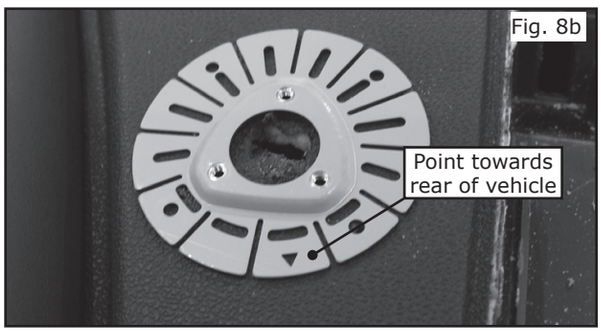

Fig. 8b

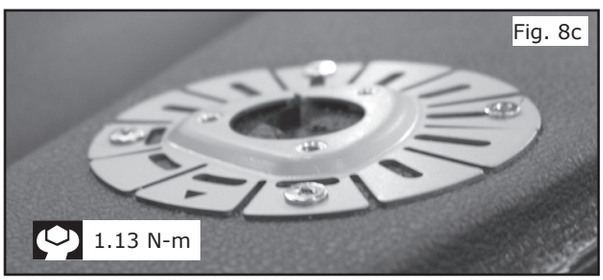

Fig. 8c

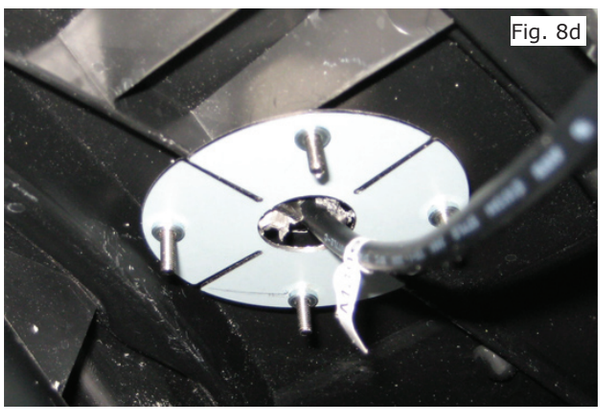
Fig. 8d



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## 7. INSTALLATION PROCEDURE:

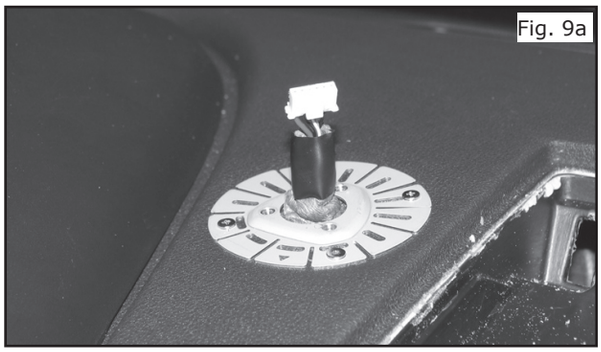
Fig. 9a

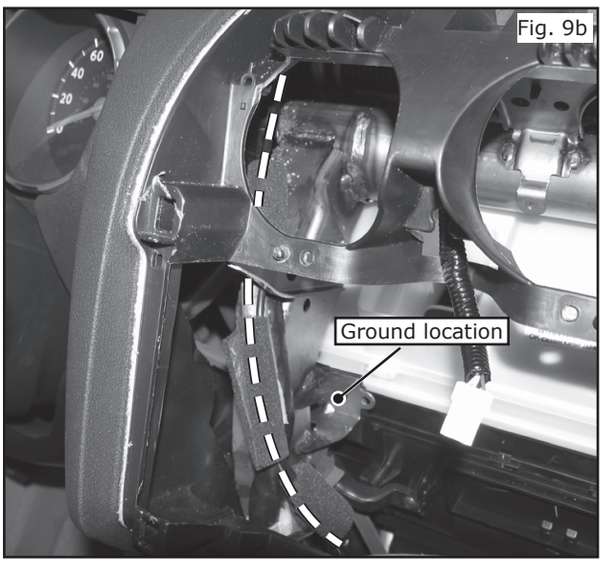

Fig. 9b

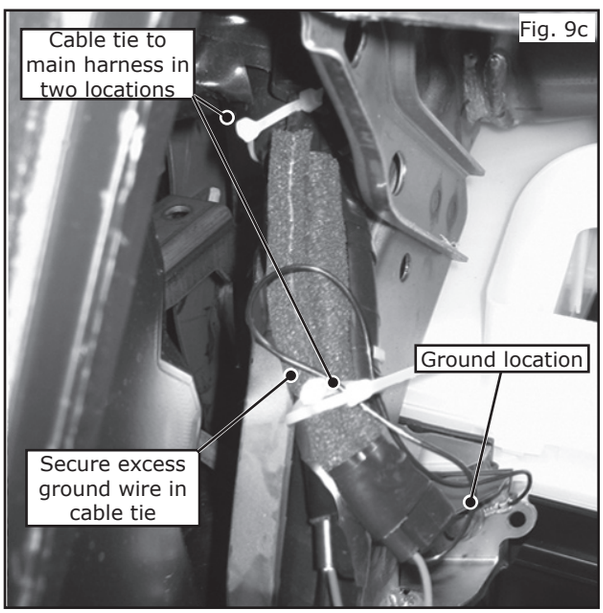

Fig. 9c

15) Route wire harness and secure ground wire.
   a) Route connector up through instrument panel. Fig. 9a
   b) Route harness (A) behind bracket. Fig. 9b
   c) Secure ground wire in the 2 o'clock position. Fig. 9b and Fig. 9c
   d) Secure cable to existing main harness and excess ground wire cable with cable ties in two locations. Fig. 9c



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## 7. INSTALLATION PROCEDURE:

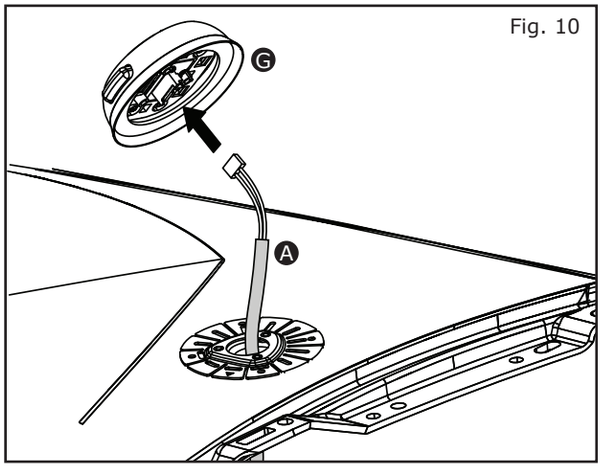

Fig. 10

16) Attach wire harness (A) to mount base (graphics are for reference only). Fig. 10
   a) Firmly press connector into mount base (G).
   b) Confirm connector lock is engaged by tugging slightly on the wire harness.

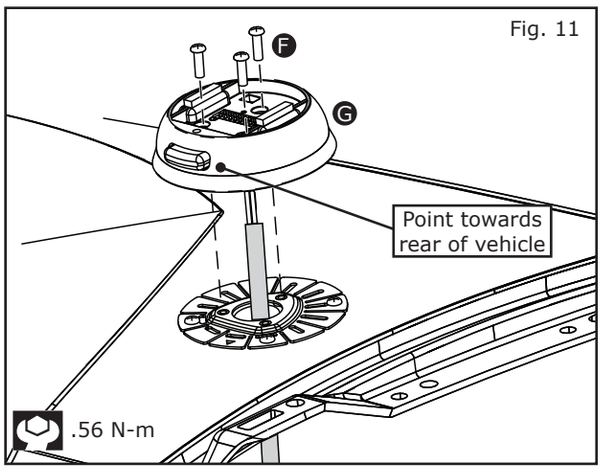

Fig. 11

17) Attach mount base (G) to dash attachment plate (graphics are for reference only). Fig. 11
   a) Ensure release button is facing towards rear of the vehicle before securing base.
   b) Secure mount base (G) to dash attachment plate using three-3×9mm screws. Ensure rubber skirt is flared out and not pinched or folded under.
   c) Torque screws to .56 N-m (4.9 in-lb). DO NOT OVER-TORQUE.

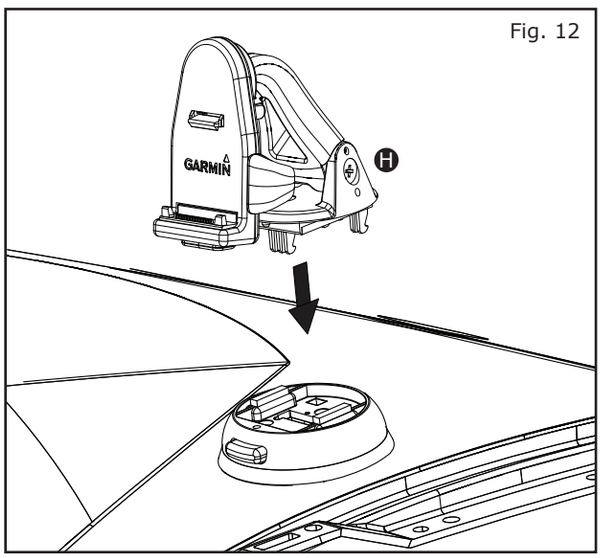

Fig. 12

18) Attach arm assembly (H) to mount base (graphics are for reference only). Fig. 12
   a) Align and press arm assembly firmly into the base (three retaining tabs).



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## 7. INSTALLATION PROCEDURE:

19) Secure gray end of the wire tap (I) to (blue wire with silver band - reference only) (pin 7). Connector view releasing tab facing up. Fig. 13

See steps 20-24 for wire tap installation instructions.

Fig. 13

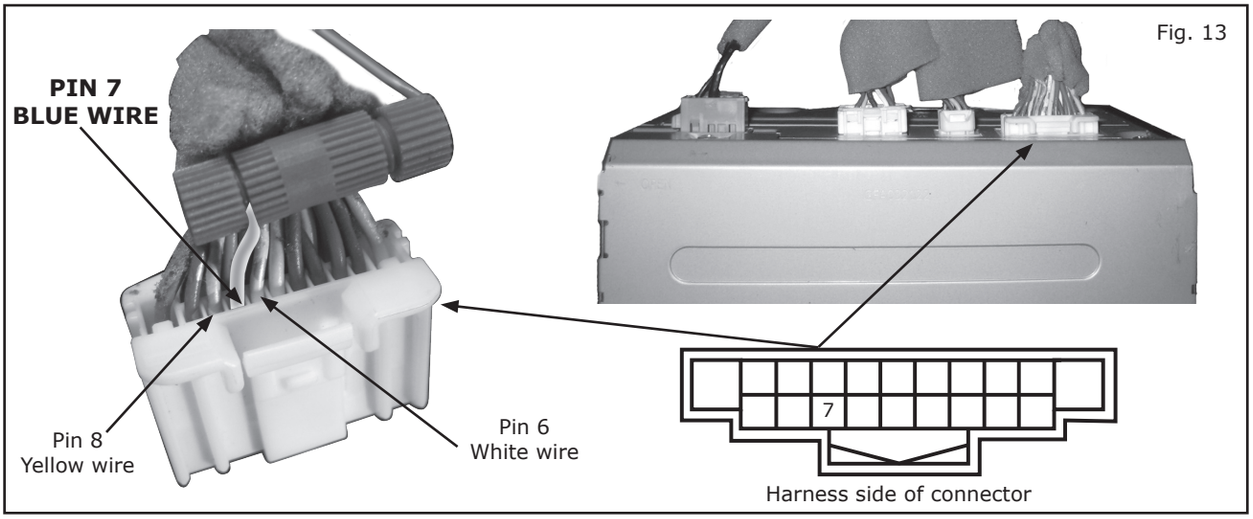
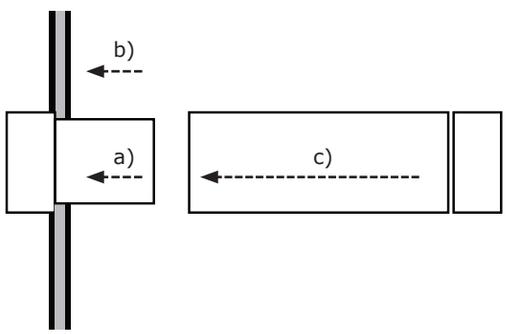


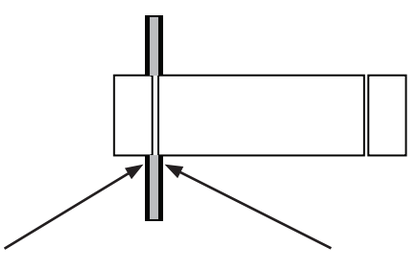

Fig. 14




20) Tap vehicle wire. Fig. 14
a) Remove cap (slot side) from tap body.
b) Slide cap around vehicle wire.
c) Tighten the tap TIGHT with finger pressure.

**NOTE:**
**Do not re-use the tap for subsequent re-installation.**

Fig. 15



i. Straight and evenly spaced all the way around.
ii. Tight and minimize gap (wire jacket should be crushed).

21) Inspect the tap to ensure correct installation. Fig. 15

**NOTE:**
**Avoid putting pressure on the vehicle wire and tap for the rest of the installation.**



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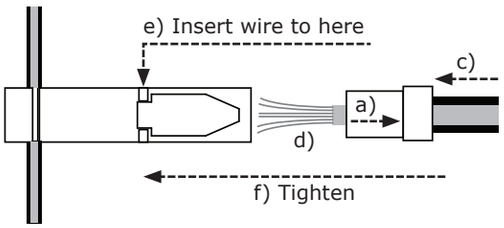
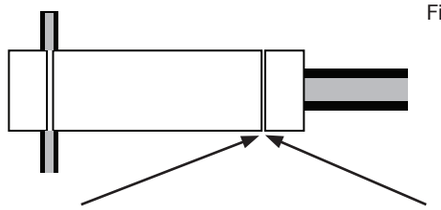
## 7. INSTALLATION PROCEDURE:

Fig. 16




22) Tap red wire from housing harness. Fig. 16
- a) Remove tap (non-pierce) side from tap.
- b) Remove protective stub from red wire.
- c) Insert red wire through the non-pierce side opening.
- d) Spread the individual strands into fan shape.
- e) Insert wire into the tap body and ensure that it is all the way in.
- f) Tighten the tap TIGHT with finger pressure.

Fig. 17

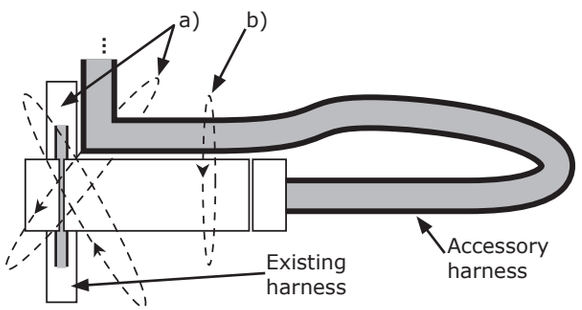


i. Straight and evenly spaced all around
ii. Tight and no gap
iii. Test the signal

23) Confirm installation of the tapped accessory wire. Fig. 17
- a) Inspect the tap to ensure correct installation.
- b) Using a multimeter, check for 12 volts on the accessory wire.

**NOTE:**
**Avoid putting pressure on the vehicle wire and tap for the rest of the installation.**

Fig. 18




24) Secure the tap. Fig. 18
- a) Secure the body to harness where vehicle wire is being tapped with electrical tape (≥ 2 revolutions).
- b) Secure the tapped wire on the non-pierce side to the body of the posi-tap with electrical tape. (≥ 2 revolutions).



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**7. INSTALLATION PROCEDURE:**

## ⚠ CAUTION

- Use caution when removing/reinstalling interior components to avoid damage, scratches, or breaking of mounting clips.

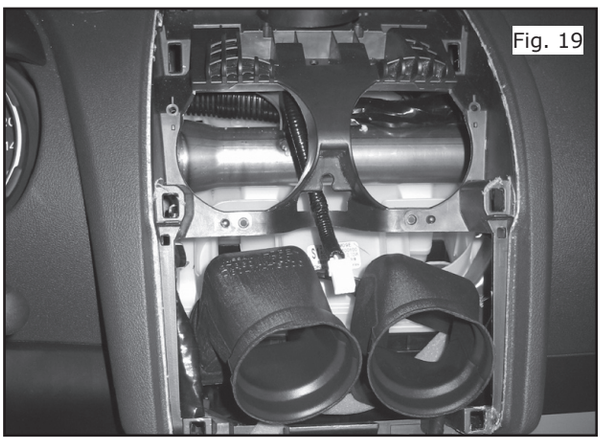
Fig. 19

25) Reinstall HVAC duct. Fig. 19
   a) Clean debris from the top of the masking tape.
   b) Remove masking tape from duct opening. Do not let debris fall into duct.
   c) Install HVAC duct and reinstall fastener.

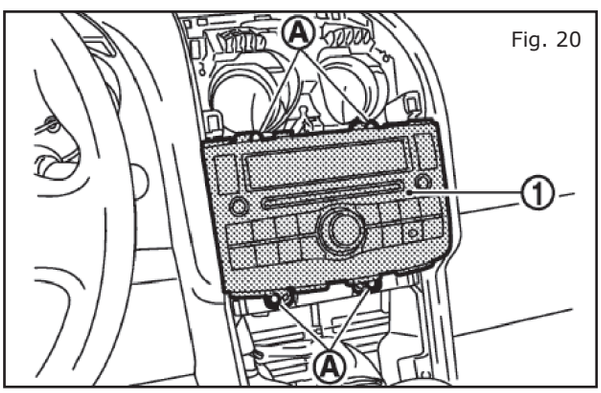

Fig. 20

26) Reinstall audio unit. Fig. 20
   a) Reinstall audio unit (1) per service manual.

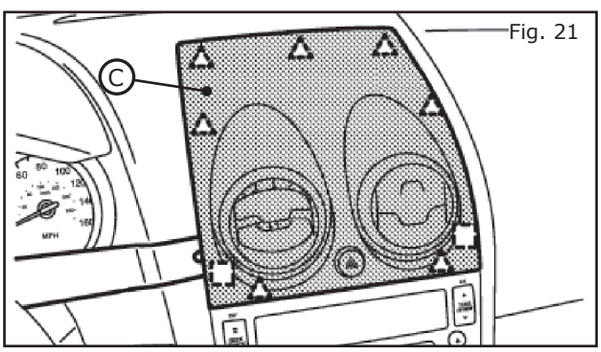

Fig. 21

27) Reinstall cluster lid C. Fig. 21
   a) Reinstall cluster lid C per service manual (excluding BOSE audio).



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**7. INSTALLATION PROCEDURE:**

## ⚠ CAUTION

- Use caution when removing/reinstalling interior components to avoid damage, scratches, or breaking of mounting clips.

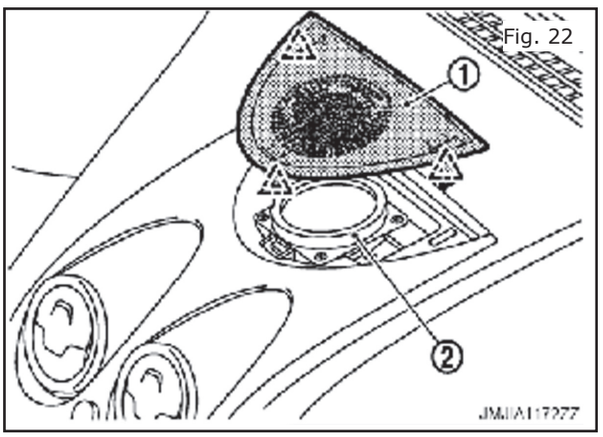

Fig. 22

28) Reinstall speaker and speaker grill. Fig. 22
   a) Reinstall speaker (2) and grill (1) per service manual (with BOSE audio).

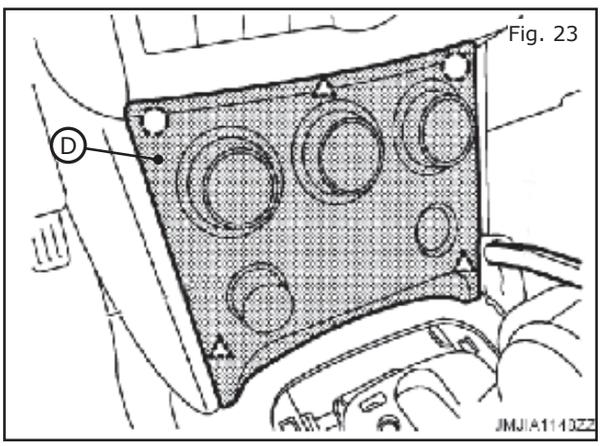

Fig. 23

29) Reinstall cluster lid D. Fig. 23
   a) Reinstall cluster lid D per service manual.

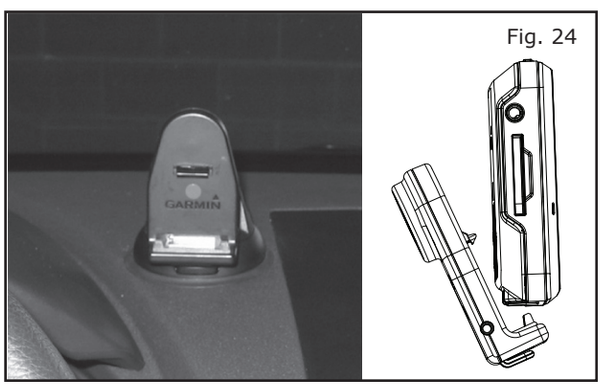

Fig. 24

30) Mount installation is complete. Install PND in the mount assembly. Fig. 24
   a) Fit bottom of PND into the cradle by aligning the pins. Rotate the PND toward the front of the vehicle until it clicks into place. **Do not remove warning label from PND**.



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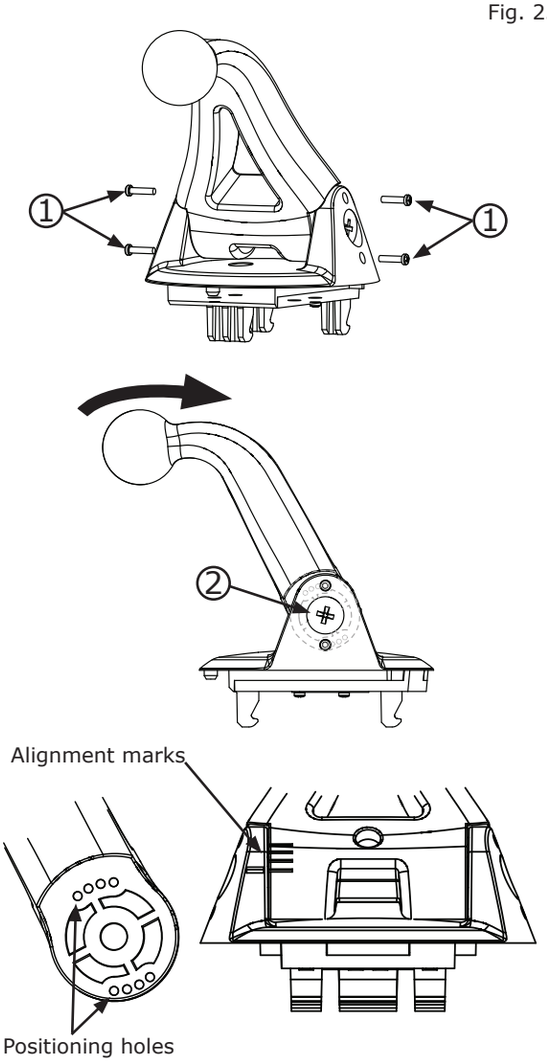
## 8. ARM POSITION ADJUSTMENT (Optional)

Fig. 25




1) Repositioning the mount arm. Fig. 25
   a) Remove four set screws (1).
   b) Loosen two center screws (2).
   c) Rotate arm to new position. Align the marks on the arm with mark on the base to align the positioning holes.
   d) Reinstall the four set screws (1). Tighten center screws (2).



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**9. CHECKLIST:**

Prior to completion, verify the following:

- ❑ (1) Connect the battery negative terminal.
- ❑ (2) Turn the vehicle ignition switch to the "ACC" position and confirm the PND powers up.
- ❑ (3) Turn the vehicle ignition OFF and confirm the PND powers down within 5 seconds. Close the housing lid.
- ❑ (4) Confirm for proper audio operation AM, FM, SAT, TAPE, and CD.
- ❑ (5) Clean the interior of the vehicle.
- ❑ (6) Inspect the vehicle interior and exterior for damage.
- ❑ (7) Confirm the proper operation of vehicle systems.
- ❑ (8) Reset radio presets to the recorded settings.
- ❑ (9) Place the PND Owner's Manual, Quick Start Manual, and accessories in the glove box.
- ❑ (10) If equipped, verify proper sunroof operation and perform the reset procedure, if necessary. Refer to Service Manual requirements.
- ❑ (11) Check the trim for a proper flush fit after re-installing the interior components.
- ❑ (12) Confirm proper operation of the arm assembly release button. Remove the arm assembly from the mount base then reinstall pressing arm assembly firmly into the base (three retaining tabs).

For installation or technical questions, contact Garmin Dealer Technical Support at 866-559-0074.

Posi-Tap™ is protected by patent # 5,228,875 5,695,369 5,868,589 6,692,313 Jap 2881414 Aus 708700 Tia 103534 Can 2204826 Mex 200626 Korea 477279 China Z197105562.9 & others pending.



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